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HECKMONDWIKE URBAN DISTRICT

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

For the

YEAR 1947.

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ANNUAL REPORT FOR 1947.

TO THE CHAIRMAN AND MEMBERS OF THE HECKMONDWIKE URBAN DISTRICT COUNCIL.

Mr. Chairman and Gentlemen,

I have the honour to submit the Annual Report for 1947. During the first nine months of the year, Dr. J. Battersby was Medical Officer of Health and Dr. J. S. Walters was Acting Medical Officer of Health for the last three months.

It is pleasing to record a definite rise in the birth rate and a fall in the Infantile Mortality Rate. There was a slight rise in the Death Rate.

The Child Welfare Clinic continued its satisfactory work and the Ante Natal Clinic had good results with Dr. Agnes Jervis continuing as Medical Officer. The Day Nursery was filled to capacity, with a constant Waiting List.

Housing continued to be a problem, but it is hoped that there will soon be a steady increase in the number of houses built, in order to reduce the lengthy waiting list for Council houses. It would also be an advantage if new Public Conveniences were constructed in an appropriate situation in the town.

I desire to thank Dr. Battersby for the help he gave in Batley during my illness. I think it fit to acknowledge the distinguished service given by Councillor Crowther to the cause of public health in Heckmondwike during the years of his Chairmanship. In January, 1948, I commenced duties as Medical Officer of Health for Heckmondwike as part of a new appointment resulting from the dividing of the West Riding into Divisions for Health Services. Under this new appointment, I am designated M.O.H. for Batley M.B. and M.O.H. for Heckmondwike U.D.C., and Divisional Medical Officer to the West Riding County Council. I desire to thank my present Chairman, Councillor Ball, and the members of the Public Health Committee for their kindness and courtesy since I commenced duties and also for the Officials of the Council and Staff of the Public Health Department for their zeal and co-operation always willingly given.

I am,

Your obedient servant,

WM. J. FRAIN,

Medical Officer of Health

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health—

J. BATTERSBY, M.B., Ch.B., D.P.H. (Glas.)
(Resigned September, 1947).

Acting Medical Officer of Health—

JOHN S. WALTERS, M.B., Ch.B., D.P.H.

Assistant Medical Officer for Maternity & Child Welfare—

AGNES W. JERVIS, M.A., M.B., Ch.B., (St. And.)

Consulting Obstetric Surgeon—

D. W. CURRIE, M.D., Ch.M., F.R.C.S.

Health Visitor and School Nurse—

ELSIE WORTHINGTON, S.R.N., S.C.M., H.V. (New Cert.)

Sanitary Inspector—

JAMES CLARK, M.S.I.A.

Matron of the Day Nursery—

EDITH MAIR, S.R.N.

Deputy Matron of Day Nursery—

MARGARET M. LARGEY, S.R.N.

One Nursery Assistant

Four Probationers

Two Junior Clerks

A—GENERAL STATISTICS.

Area (in Acres)	696
Population (Registrar-General's Estimate)	8588
Population (as per Ration Books) ...	8677
Number of Inhabited Houses	2860
Number of Separate Families	3070
Rateable Value	£50,678
Produce of Penny Rate	£201 17s. 4d.

VITAL STATISTICS.

BIRTHS—The Net Live Births number (101 Male, 106 Female) 207
The Birth Rate is therefore 24.6

STILL-BIRTHS—Number (1 Male, 4 Female) 5
Rate per 1,000 Civilian Population 0.57

DEATHS—Totalled (64 Male, 63 Female) 127
Giving a Death Rate of 15.1

MATERNAL MORTALITY—No death was returned.

INFANTILE MORTALITY—Deaths of Children under One Year number (2 Female, 5 Male) 7
Giving an Infantile Mortality Rate of 33.8

DIARRHŒA UNDER TWO YEARS—No Death was returned.

Comparative Figure—

Rate per 1,000 Civilian Population	England & Wales		148 Smaller Towns		Heckmondwike			
	1946	1947	1946	1947	1944	1945	1946	1947
Live Births ...	19.1	20.5	21.3	22.2	17.46	15.298	17.0	24.6
Still Births ...	0.53	0.50	0.59	0.54	0.499	0.392	0.726	0.57
Deaths (all causes) ...	11.5	12.0	11.7	11.9	15.22	15.298	14.4	15.1
Rate per 1,000 Live Births—								
Infantile Mortality ...	43	41	37	36	7.142	75	64	33.8
Diarrhœa under two years ...	4.4	5.8	2.8	3.7	Nil	Nil	7.09	Nil

Causes of Death—

Tuberculosis (Respiratory) ...	2	Measles	1
Tuberculosis (Other) ...	2	Diabetes	2
Syphilitic Diseases ...	1	Other Digestive Disturbances	2
Cancer (all Sites) ...	19	Nephritis	5
Intra-Cranial Vascular Lesions	20	Premature Birth	1
Heart Disease	32	Congenital Malformations, Birth Injuries, etc. ...	2
Other Diseases of Circulatory System	11	Suicide	1
Bronchitis	10	Other Violent Causes ...	2
Pneumonia	3	All other Causes	9
Other Respiratory Diseases	1	Total	127
Ulcer of Stomach	1		

A ii—Heckmondwike is a congested Urban District. In a square mile, there is a population of 8,000. Only a small percentage of houses have bathrooms, and overcrowding is common. Industry abounds, and the soot fall is heavy. Constant vigilance of the Health Staff, particularly in the teaching of children, is the principal means of combating slack standards. Recent innovations such as the Day Nursery and Toddlers' Clinic, the active work in the School Clinics, the teaching by the Health Department Staff and of the Youth Council Organization, prove helpful. Propaganda, apart from that conducted by visits and instruction in the home and clinics, is effected by means of bills and posters. Further progress will be recorded in future reports.

B—GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

It is the wish of the Ministry that remarks under this Section should be confined to important alterations, rather than a recital of long-standing arrangements.

The Day Nursery, at Cemetery Road, has given excellent service throughout the year.

Accommodation is available for forty children. Staff includes Matron (Mrs. Mair, S.R.N.), Deputy Matron (Miss Largey, S.R.N.), a Nursery Assistant, Probationers and Domestic Staff. Hours of duty 7 a.m. to 7 p.m., Weekdays. Priority of admission is for infants aged 0—5 of working mothers; provision is usually available for the reception of children when mothers are (a) ill; (b) confined, according to circumstances. Charges, 1/- Daily; and 1/9 for two children.

Three meals are provided; training of the children is undertaken, and the Nursery is approved by the National Society of Children's Nurseries as a training centre for children's nurses. A training scheme for Probationers is in operation, which qualifies for the Nursery Nurses' Certificates.

ONE DAY DIET SHEET 1½ — 5 YEARS

BREAKFAST—Porridge, Crisp Bacon, Fried Bread, Milk.
MID-MORNING—Cod Liver Oil and Orange Juice.
DINNER—Chopped Lamb, Greens, Potatoes, Milk Pudding with Fruit.
TEA—Jam Sandwiches, Cake, Milk.

ONE DAY DIET SHEET 10 MONTHS TO 1½ YEARS.

BREAKFAST—Cereal, Extra Milk.
MID-MORNING—Cod Liver Oil and Orange Juice, Rusks.
DINNER—Bone Broth with Sieved Vegetables, Milk Pudding, Rusks.
TEA—Hard Toast with Butter, Sponge Cake, Extra Milk.

ATTENDANCES

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average Daily Attendance												
Under 2 ...	8	2	8	11	11	9	8	8	12	11	10	9
Over 2 ...	17	8	19	19	25	22	22	23	26	26	26	25
Highest Daily Attendance												
Under 2 ...	10	6	12	12	12	10	11	10	12	12	10	10
Over 2 ...	20	13	24	26	29	27	27	26	30	29	29	29
Number of Days Open ...	23	20	21	20	20	21	23	21	17	23	20	21

PROMOTION of CLEANLINESS and ELIMINATION of VERMINOUS CONDITIONS.

The Staff of the Health Department were most active during the year on the above subject. A Report on Verminous Infestation in Schools is forwarded weekly to the County Medical Officer. This is the starting point for enquiries in the home where conditions are inspected by the Health Visitor and advice given. Lethane Hair Oil is now used for verminous conditions of the head due to lice and nits. Opportunity for re-infestation occurs most frequently during school vacations, and Lethane Hair Oil was most successful where standards of maternal care were high.

Ante - Natal Clinic.

Individual Cases attending the Clinic	142
Total Attendances	750
Average Attendance per Patient	5·3

Defects Classified.

Heart & Circulatory System, including Hyperpyesis	8
Urinary	3
Deformed Pelvis	2
Varicose Veins	16
Dental Caries and Pyorrhœa	42
Anæmia and Debility	10
Hæmorrhoids	8
Constipation	26
Miscellaneous	2

History of Labours.

Normal Deliveries (including 11 on Books in 1946)	98
Breech	1
Caesarean Section	1
Premature Births	1
Still Birth (Hyperpyesis, etc.)	1
Transferred to other districts	5
Not yet delivered	54
Twin Pregnancy	1
Miscarriage of Twins	1
Forceps Delivery	5
Pseudocyesis	3
Transfer	1
Results unknown	3

The Post-Natal Clinic has been in abeyance during the past year owing to pressure of Ante-Natal work. Necessary Post-Natal cases are seen by appointment at the Ante-Natal Clinic.

TO THE MEDICAL OFFICER OF HEALTH.

Dear Sir,

The following is the report on the work of the Ante-Natal Clinic for 1947.

Both the number of cases and the attendances at the Ante-Natal Clinic during 1947 were well up to the average of previous years. New admissions numbered 142, of which 122, or 89.5 per cent. were normal. The remaining 14, or 10.5 per cent. were suffering from abnormalities more or less serious. Defects of a minor order were relatively common, but not sufficiently grave to endanger the life of mother or child.

An analysis of all the defects has been made and is set out in the following table. The history of the labours can be seen from the subjoined table. There was no maternal death and one still birth, due to toxæmia of pregnancy.

The district midwife, Miss Bradley, has attended regularly with her cases and has shown much interest in her work.

I am indebted to Miss Elsie Worthington, the Clinic Nurse, for the efficient manner in which she has conducted the Clinic, and for her continued loyalty and support.

AGNES W. JERVIS,

M.A., M.B., Ch.B.

August, 1948.

HEALTH VISITING.

Number of Visits paid during the year by the Health Visitor:—

(a)	To Expectant Mothers	264
(b)	To Children under 1 year	495
(c)	To Children between the ages of 1 and 5 years	456

School Nursing Duties.

Visits to Schools 91

School Clinic.

The West Riding County Council is the Administrative Authority in this Area for School Medical Services, including the School Clinic. By arrangement with the Heckmondwike Urban District Council the services of the Health Visitor are available as School Nurse. The Medical Officer of Health attends weekly for consultation.

Number of Scholars who attended the Clinic ...	269
Total Attendances	1115

Infant Welfare Centre.

Total Number of Attendances during the year:—

By Infants under 1 year	2360
By Children 1 to 5 years	170

Total number of children who attended the Centre for the first time during the year, and who on the date of their first attendance were:—

Under 1 year	207
Between 1 and 5 years	5

Total number of children attending the Centre during the year, who at the end of the year were:—

Under 1 year	169
Between 1 and 5 years	145

Child Life Protection.

The Health Visitor, who acts as Visitor for this purpose, has had no call on her services during the year.

AMBULANCE FACILITIES.

Infectious Diseases.

Ambulances used for the removal of infectious cases other than Tuberculosis are operated by the Dewsbury and District Joint Hospital Board.

Non-Infectious and Accident Cases.

Until the 30th September, 1947, the Council maintained one motor ambulance for the removal of infirm cases requiring hospital treatment, and for accident and maternity cases.

During the period 1st January to the 30th September, 1947, the following cases were removed:—

Infirm cases to and from Hospital ...	309
Maternity cases	16
Street accident cases	7
Home accident cases	6
Works accident cases	11
	349

Mortuary.

A public mortuary is maintained by the Council at which facilities are provided for conducting post mortem examinations.

PART C 1.

SANITARY CIRCUMSTANCES AND SANITARY INSPECTION OF THE DISTRICT.

Water Supply.

I am indebted to the Council's Surveyor and Water Engineer for the following information:—

The Area is supplied with water by the Dewsbury and Heckmondwike Water Board. The water is moorland surface water supplied direct from the mains to each house in the Area, and during the year has been sufficient in quantity. The Engineer to the Board has submitted to the County Laboratory, Wakefield, 142 samples for bacteriological examination and 139 samples for chemical examination. The Reports submitted on the results of the chemical examination were satisfactory, and a summary of the Reports on the Bacteriological examinations is given below:

SOURCE OF SAMPLE	Total	NUMBER OF SAMPLES Containing B. Coli.									
		B. Coli. per 100 ml.									
		Presumptive								Faecal (Confirmatory)	
		1	2	3	4	6	9	16	18	1	2
Untreated—											
Broadstone Res ..	8	2		1			1		1		
Treated—	45	1	1						1		
Whitley Res. Inlet											
Whitley Res. Outlet ...	45	5	2	2		1	4		4	1	
As Supplied to Towns in Bulk—											
Staincliffe ..	44	1	2	1		1					
	142	9	5	4		2	5		6	1	

C 2. Sewerage and Drainage.

There has been no extension of the Council's sewage disposal works and no extension of sewers to serve existing properties during the year.

In connection with drainage defects and re-construction, 127 visits have been made for the purpose of inspection and testing.

C 3. SANITARY CIRCUMSTANCES.

SANITARY INSPECTOR'S REPORT.

Closet Accommodation.

During the year twelve additional closets have been provided for existing properties as follows:—

Dwellinghouses ...	8
Shops	2
Factories	2

and the following conversions have taken place:—

Trough Closets to Water Closets (Washdown Type)	5
Waste Water Closets to Water Closets (Washdown Type)	3
Privies to Water Closets (Washdown Type) ...	2

Sixty-seven water closets have been constructed in connection with new properties.

Number of Water Closets in use	3074
Number of Waste Water Closets in use ...	64
Number of Privies in use	14

During the year 79 visits have been made in respect of closet accommodation, and 29 notices served in respect of 41 nuisances or defects found. Twenty-eight notices in respect of 43 nuisances or defects have been complied with.

Sanitary Inspection of the District.

	Primary Inspections	Re-Inspections	Total Visits
Premises re Abatement of Nuisances ...	249	339	588
Accumulations	9	9	18
Animals or Birds	—	—	—
Stables	3	—	3
Piggeries	6	—	6
Drainage—Testing	28	16	44
Inspection	83	—	83
Closets—Water	27	45	72
Pails or Privies	3	4	7
Cesspools	1	—	1
Refuse Accommodation	215	361	576
Verminous Premises	12	22	34
Houses Let in Lodgings	2	—	2
Schools	3	—	3
Public Conveniences	3	—	3
Public Swimming Baths	6	—	6
Infectious Diseases	23	2	25
Refuse Collection, disposal and Salvage	184	—	184
Waste of Water	6	—	6
Offensive Trades	4	—	4

	Primary Inspections	Re-Inspections	Total Visits
Registered Alkali Works	5	—	5
General Food Shops	9	—	9
Meat Shops	15	—	15
Bakehouses	8	—	8
Cafe Kitchens	10	—	10
Food Preparing Premises	17	—	17
Markets (Inspection of Food Stalls) ...	47	—	47
Premises re Food Inspection	37	—	37
Slaughterhouses	14	—	14
Ice Cream—Vendors	1	—	1
Shops	9	—	9
Manufacturers	3	—	3
Cowsheds	22	—	22
Milkshops and Dairies	15	—	15
Rodent Control	53	2	55
Housing—Overcrowding	5	—	5
Re-Housing	155	—	155
Shops re Shops Act	3	—	3
Factories—Mechanical	19	12	31
Non-Mechanical	10	—	10
Building Sites	2	—	2
Sampling—Water	2	—	2
Water (Swimming Bath) ...	2	—	2
Milk—Pathological	5	—	5
Milk—Bacteriological ...	23	—	23
Ambulance	7	—	7
Mortuary	4	—	4
Miscellaneous Visits, Interviews, etc. ...	798	—	798

Abatement of Nuisances.

Number of complaints received ...	197	
Number of Nuisances found during 1947 ...		333
,, ,, outstanding at end of 1946 ...		105
Total ...		438
,, ,, abated during 1947		239
,, ,, outstanding at end of 1947 ...		199

In respect of Nuisances—

117 Informal Notices were SERVED and
94 were COMPLIED WITH.
16 Statutory Notices were SERVED and
13 were COMPLIED WITH.

Control of Infestation.

BED BUGS. Five complaints were received during the year of bed bug infestation and following investigation arrangements were made for eight dwellinghouses to be treated with H. C. N. gas at the owners' expense and one dwellinghouse was treated successfully with liquid insecticide.

FLEAS, COCKROACHES, Etc. Advice as to the eradication of these vermin is given to tenants. Insecticide powder is supplied where suitable and liquid spraying is undertaken where necessary.

During the year 34 visits have been made to infested premises.

Rodent Control.

During the year fifteen complaints were received of rat infestation, and, on investigation, these were found to be of "minor" character. Treatment of the infested premises was successfully undertaken and a "kill" of 26 rats is estimated.

Fifty-five visits were made during the year in this connection.

Public Cleansing and Salvage.

Refuse collection is in operation throughout the whole of the District, two refuse vehicles of 7 cub. yard capacity being used.

Refuse is disposed of by controlled tipping on land situate at the Sewage Works.

Number of Metal Dustbins in use			2519
,, ,, Ashpits in use			110
	T.	C.	Q.
Total weight of refuse collected ...	1815	19	3
,, ,, ,, Salvage collected ...	73	4	2
Average weight of refuse per house ...	12.7 cwts.		
,, ,, ,, salvage per house ...	57.4 lbs.		

Cost of collection and disposal of refuse amounted to £2,320.

The following is a summary of salvage collected:—

	T.	C.	Q.
Paper	58	18	2
Ferrous Metals	7	9	2
Textiles	0	7	2
Bones	2	4	1
Bottles and Jars (72 gross)	4	4	3

Value of salvage collected ... £443 17s. 8d.

There is no organised collection of Kitchen Waste by the Council, but 79 waste bins are maintained and rented to local pig keepers, who have adequate means for sterilization.

During the year 576 visits were made in connection with accommodation for refuse.

Number of Informal Notices served	91
,, ,, ,, complied with ...	111
,, Statutory Notices served	10
,, ,, ,, complied with ...	9
Number of defective Dustbins replaced	179
,, ,, additional Dustbins provided	19
,, ,, Ashpits abolished	3
,, ,, Dustbins provided in lieu of Ashpits ...	5

FACTORIES ACT, 1937.

Inspection of Factories.

Premises	Number of		
	Inspections.	Written Notices.	Occupiers Prosecuted.
Factories with mechanical power	31	3	—
Factories without mechanical power	10	—	—
Other premises under the Act. (Sites of Building Operations) ...	2	—	—

Particulars of defects found and remedied are as follows:—

Defects.	Found.	Remedied
Sanitary Conveniences (S.7)		
(a) Insufficient	2	1
(b) Unsuitable or defective	1	1
Total ...	3	2

D. HOUSING.

Overcrowding.

	Dwellings.	Families.	Persons.
No. of Cases of Overcrowding at end of **1946**	128	151	731
,, new cases of overcrowding reported during **1947**	31	50	188
,, cases of overcrowding relieved during **1947**	47	70	267
,, cases of overcrowding at end of **1947**	112	131	652

Re-housing.

During the year 52 new dwellinghouses, made up as follows, were completed and occupied.

Temporary prefabricated bungalows	...	34
Council houses (3 bedroom type)	...	14
Traditional type (privately built)	...	4

There have been 181 changes of tenancy in existing houses, of which 92 have been let to persons not previously being householders.

The Register of Applications for Council Houses was revised in October, 1947, and at the end of the year there were 289 applications registered. Of these, 189 families were inadequately housed, and 90 families were sharing homes. 193 of the Applicants had served in H.M. Forces.

E. INSPECTION AND SUPERVISION OF FOOD.

Milk.

Cowsheds, Dairies and Milkshops:—

Number of cowsheds	5
Average number of Milch Cows	56
Number of Cowkeepers registered ...	3
Number of Dairies	5
Number of Retail Purveyors of Milk ...	17
Number of Milkshops	17
Number of inspections made of Cowsheds, Dairies and Milkshops	37

Examination of Milk.

Nineteen samples of Ordinary Raw Milk were taken and submitted for Bacteriological Examination, and, of these, four did not satisfy the Methylene Blue Test applied.

Four samples of "Pasteurised" Milk taken and submitted for Bacteriological Examination satisfied the Methylene Blue and Phosphatase Tests applied.

One of seven samples of milk submitted for examination for the presence of B. Tuberculosis was reported as showing a "Positive" result, and the fact was referred to the Divisional Inspector of the Ministry of Agriculture and Fisheries, who subsequently examined the herd from which the sample had been taken.

Licences.

The following licences under the provisions of the Milk (Special Designations) Orders, 1936-46, have been granted.

Dealers Licence to use the designation "Pasteurised"	2
Supplementary Licence to use the designation "Tuberculin Tested"	2

Meat Inspection.

There is one Licensed Slaughterhouse in the District at which only pigs of Domestic Pig Keepers (on the authority of the Food Executive Officer) have been slaughtered. The carcases and organs of 36 pigs slaughtered at these premises were inspected at the time of slaughter.

A portion of the licensed slaughterhouse is used as the Meat Distribution Centre for the District and regular visits are made regarding the handling of meat, etc.

Inspection of Other Foods.

The total weight of foodstuffs found upon inspection to be unfit for human consumption was:—

8 cwt., 1 qr., 5 lbs.

of which 35 lbs., being bacon, were returned by retailers through trade channels for disposal or salvage in accordance with Ministry of Food instructions, and the remainder was destroyed or salvaged for animal feeding stuff.

During the year the co-operation of the Ministry of Food (Egg Division) was sought in respect of complaints re stale imported cooking eggs, and, as a result of testing on the spot, 496 eggs were found unfit for human consumption and were destroyed.

Inspection of Food Premises.

The following is a summary of inspections made of food premises:—

Bakehouses	8
Meat Shops	15
Food Preparing Premises	17
General Foodshops	9
Cafe Kitchens	10
Markets (Inspection of Food Stalls) ...	47
Ice Cream Premises	25

F. PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASE.

From 1945 to 1947 notifications received in respect of Infectious Disease (excluding Tuberculosis) distributed as follows:—

	1945.	1946.	1947.
Scarlet Fever	10	6	15
Whooping Cough	1	29	24
Dipththeria	2	5	1
Measles	128	5	68
Acute Pneumonia	3	9	—
Acute Anterior Poliomyelitis	—	—	4
Puerperal Pyrexia	—	—	1

Whooping Cough. This infection was not very prevalent during the year. No death followed the disease or its complications.

Diphtheria. One case notified, which proved true infection with K.L.B.

Measles and Scarlet Fever incidence remained low throughout the year.

Immunisation against Diphtheria.

At the end of the year the following return was made to the Ministry of Health.

	Under 5	5—15
Estimated Number of Children in Authority s Area at 31st December, 1947 ..	630	1100
Number of Children Immunised	406	1012

Tuberculosis.

New Cases	Male.	Female.	Total
Pulmonary	3	3	6
Non-Pulmonary	4	—	4

	PULMONARY		NON-PULMONARY	
Age GROUPS	Male	Female	Male	Female
0- 1	—	—	—	—
1- 5	—	—	—	—
5-10	—	—	1	—
10-15	—	—	—	—
15-20	1	—	2	—
20-25	—	—	—	—
25-35	2	2	—	—
35-45	—	1	1	—
45-55	—	—	—	—
55-65	—	—	—	—
65 and Over	—	—	—	—

Cases of Tuberculosis.

	PULM.		NON-PULM.	
	M	F	M	F
(a) No. on Register at commencement of year	13	10	5	2
(b) No. of cases notified for first time during year	3	3	4	—
(c) No. of cases restored to Register ...	—	1	—	—
(d) No. of cases removed from Register	1	—	—	—
(e) No. of cases remaining on Register ...	15	14	9	2